

Title (en)  
DETONATION ENGINE

Title (de)  
DETONATIONSMOTOR

Title (fr)  
MOTEUR À DÉTONATIONS

Publication  
**EP 2906795 A2 20150819 (EN)**

Application  
**EP 13861507 A 20131011**

Priority  
• US 201261712972 P 20121012  
• IB 2013003257 W 20131011

Abstract (en)  
[origin: WO2014114980A2] A detonation engine can detonate a mixture of fuel and oxidizer within a cylindrical detonation region to produce work. The detonation engine can have a first and a second inlet having ends fluidly connected from tanks to the detonation engine. The first and second inlets can be aligned along a common axis. The inlets can be connected to nozzles and a separator can be positioned between the nozzles and along the common axis.

IPC 8 full level  
**F02C 5/04** (2006.01); **F02K 7/02** (2006.01); **F02K 9/42** (2006.01)

CPC (source: EP RU US)  
**F02C 5/02** (2013.01 - US); **F02C 5/04** (2013.01 - EP US); **F02C 7/222** (2013.01 - US); **F02K 7/02** (2013.01 - EP US); **F02K 9/42** (2013.01 - EP US); **F23R 7/00** (2013.01 - US); **F02C 5/04** (2013.01 - RU); **F02C 5/11** (2013.01 - US); **F02K 7/02** (2013.01 - RU); **F02K 7/06** (2013.01 - US); **F05D 2220/32** (2013.01 - US); **F05D 2240/35** (2013.01 - US); **F23C 15/00** (2013.01 - US); **F23R 7/00** (2013.01 - RU); **F23R 2900/03281** (2013.01 - US)

Citation (search report)  
See references of WO 2014114980A2

Cited by  
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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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**WO 2014114980 A2 20140731; WO 2014114980 A3 20150108**; CN 104870780 A 20150826; CN 104870780 B 20170308; EP 2906795 A2 20150819; EP 2906795 B1 20190501; JP 2015531456 A 20151102; JP 6207617 B2 20171004; RU 2015117637 A 20161210; RU 2616143 C2 20170412; US 2015285506 A1 20151008; US 9841192 B2 20171212

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